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AMENDMENTS IN THE CLAIMS

1 1. (Currently amended) An apparatus, comprising:

2 one or more server components operable to communication with one or more
3 router components, wherein the one or more server components employ one or more
4 identifiers of one or more communication devices to make a determination of one or
5 more internet protocol addresses of the one or more router components, and wherein
6 the one or more identifiers comprise any one or more of:

7 a phone number for one or more users associated with the one or more
8 communication devices;

9 an email address for the one or more users associated with the one or more
10 communication devices;

11 an instant message name for the one or more users associated with the one or
12 more communication devices; and

13 a user name for the one or more users associated with the one or more
14 communication devices; and

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15 wherein the one or more server components assign an internet protocol address
16 to the one or more communication devices, and wherein the one or more server
17 components employ at least one of the one or more identifiers and one or more
18 screening preferences to direct a voice over Internet Protocol (VOIP) call as one of one
19 or more messages or calls through the one or more router components to the one or
20 more communication devices, and wherein at least one of the one or more screening
21 preferences is an alert preference which directs the communication devices to employ a
22 different ring tone or message alert for the one or more messages or calls.

1 2. (Original) The apparatus of claim 1, wherein the one or more server
2 components employ the one or more identifiers to search one or more databases to
3 make the determination of the one or more internet protocol addresses of the one or
4 more router components.

1 3. (Previously presented) The apparatus of claim 2, wherein one or more of
2 the one or more internet protocol addresses of one or more of the one or more router
3 components comprise one or more dynamic internet protocol address of the one or
4 more of the one or more router components; and

5 wherein one or more of the one or more server components search one or more
6 of the one or more databases to make a determination of the one or more dynamic
7 internet protocol addresses of the one or more of the one or more router components.

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1 4. (Previously presented) The apparatus of claim 2, wherein one or more of
2 the one or more internet protocol addresses of one or more of the one or more router
3 components comprise one or more static internet protocol address of the one or more of
4 the one or more router components; and

5 wherein one or more of the one or more server components search one or more
6 of the one or more databases to make a determination of the one or more static internet
7 protocol addresses of the one or more of the one or more router components.

1 5. (Previously presented) The apparatus of claim 1, wherein upon the
2 determination by the one or more server components of the one or more internet
3 protocol addresses of the one or more router components, one or more of the one or
4 more server components communicate the one or more messages or calls through the
5 internet to the one or more internet protocol addresses of the one or more router
6 components.

1 6. (Previously presented) The apparatus of claim 5, wherein one or more of
2 the one or more messages or calls comprise one or more video messages; and

3 wherein upon the determination by the one or more server components of the
4 one or more internet protocol addresses of the one or more router components, the one
5 or more of the one or more server components communicate the one or more video
6 messages through the internet to one or more of the one or more internet protocol
7 address of one or more of the one or more router components.

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1 7. (Original) The apparatus of claim 5, wherein the one or more of the one or
2 more server components comprise one or more first server components, the apparatus
3 in combination with:

4 one or more second server components that employ the one or more identifiers
5 of the one or more communication devices to direct the one or more messages or calls
6 through the one or more router components to the one or more communication devices.

1 8. (Previously presented) The apparatus of claim 7, wherein one or more of
2 the one or more second server components employ the one or more screening
3 preferences of one or more of the one or more users associated with one or more of the
4 one or more communication devices to direct one or more of the one or more messages
5 or calls to the one or more of the one or more communication devices.

1 9. (Previously presented) The apparatus of claim 8, wherein the one or more
2 screening preferences are stored in one or more databases, and wherein the one or
3 more of the one or more second server components employ the one or more of the one
4 or more messages or calls to perform a search of the one or more screening
5 preferences, and wherein the one or more of the one or more second server
6 components employ one or more results of the search to direct the one or more of the
7 one or more messages to the one or more of the one or more communication devices.

1 10. (Previously presented) The apparatus of claim 7, wherein one or more of
2 the one or more router components are coupled with a landline telephone network; and

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3 wherein one or more of the one or more second server components direct one or
4 more landline telephone calls from the landline telephone network through one or more
5 of the one or more router components to one or more of the one or more
6 communication devices.

1 11. (Previously presented) The apparatus of claim 7, wherein one or more of
2 the one or more router components are coupled with a mobile network; and

3 wherein one or more of the one or more second server components direct one or
4 more mobile phone calls from the mobile network through one or more of the one or
5 more router components to one or more of the one or more communication devices.

1 12. (Previously presented) The apparatus of claim 7, wherein the one or more
2 of the one or more communication devices comprise one or more smart appliances with
3 one or more functions; and

4 wherein one or more of the one or more second server components direct one or
5 more of the one or more messages or calls through one or more of the one or more
6 router components to trigger one or more of the one or more functions of the one or
7 more smart appliances.

1 13. (Original) The apparatus of claim 1 further comprising:
2 one or more mobile communication devices;

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wherein upon the determination by the one or more server components of the one or more internet protocol addresses of the one or more router components, the one or more mobile communication devices employ an H.323 protocol to communicate one or more messages or calls through the internet to one or more of the one or more internet protocol address of one or more of the one or more router components.

14. (Previously presented) The apparatus of claim 1, wherein the one or more of the one or more server components comprise one or more first server components; and

wherein the one or more first server components employ the one or more identifiers to search one or more databases to make the determination of the one or more internet protocol addresses of the one or more router components; and

wherein upon the determination by the one or more first server components of the one or more internet protocol addresses of the one or more router components, one or more of the one or more first server components communicate one or more messages or calls through the internet to the one or more Internet protocol addresses of the one or more router components;

the apparatus further comprising:

one or more second server components;

wherein upon receipt of the one or more messages or calls at the one or more router components, the one or more second server components employ the one or more identifiers of the one or more communication devices to direct the one or more messages or calls through the one or more router components to the one or more communication devices.

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1 15. (Currently amended) A method, comprising the steps of:

2 searching one or more databases with one or more identifiers of one or more
3 communication devices to make a determination of one or more internet protocol
4 addresses of one or more router components;

5 sending one or more messages or calls to the one or more internet protocol
6 addresses of the one or more router components for direction to the one or more
7 communication devices; and

8 assigning, via one or more server components, an Internet protocol address to
9 the one or more communication devices, and

10 employing at least one of the one or more identifiers and one or more screening
11 preferences to direct a voice over Internet Protocol (VOIP) call as one of the one or
12 more messages or calls through the one or more router components to the one or more
13 communication devices, and wherein at least one of the one or more screening
14 preferences is an alert preference which directs the communication devices to employ a
15 different ring tone or message alert for the one or more messages or calls.

1 16. (Previously presented) The method of claim 15, wherein one or more of
2 the one or more internet protocol addresses of the one or more router components
3 comprise one or more dynamic internet protocol addresses of one or more of the one or
4 more router components, and wherein the step of searching the one or more databases
5 with the one or more identifiers of the one or more communication devices to make the
6 determination of the one or more internet protocol addresses of the one or more router
7 components comprises the steps of:

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8 searching one or more of the one or more databases make the determination of
9 the one or more dynamic internet protocol addresses of the one or more of the one or
10 more router components; and

11 sending one or more of the one or more messages or calls through the internet to
12 the one or more dynamic internet protocol addresses of the one or more of the one or
13 more router components.

1 17. (Previously presented) The method of claim 15, wherein one or more of
2 the one or more Internet protocol addresses of the one or more router components
3 comprise one or more static internet protocol addresses of one or more of the one or
4 more router components, and wherein the step of searching the one or more databases
5 with the one or more identifiers of the one or more communication devices to make the
6 determination of the one or more internet protocol addresses of the one or more router
7 components comprises the steps of:

8 searching one or more of the one or more databases to make the determination
9 of the one or more static internet protocol addresses of the one or more of the one or
10 more router components; and

11 sending one or more of the one or more messages or calls through the internet to
12 the one or more static internet protocol addresses of the one or more of the one or more
13 router components.

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1 18. (Previously presented) The method of claim 15, wherein the one or more
2 communication devices comprise one or more smart appliances, and wherein the step
3 of sending the one or more messages or calls to the one or more internet protocol
4 addresses of the one or more router components for direction to the one or more
5 communication devices comprises the step of:

6 triggering one or more functions of the one or more smart appliances through
7 direction of one or more of the one or more messages or calls through one or more of
8 the one or more router components.

1 19. (Previously presented) The method of claim 15, wherein the one or more
2 databases comprise one or more first databases, and wherein the step of sending the
3 one or more messages or calls to the one or more internet protocol addresses of the
4 one or more router components for direction to the one or more communication devices
5 comprises the steps of:

6 searching one or more second databases to direct one or more of the one or
7 more messages or calls to one or more of the one or more communication devices;

8 directing the one or more of the one or more communication messages to the
9 one or more of the one or more communication devices through employment of one or
10 more of the one or more identifiers and one or more message screening preferences of
11 one or more users of the one or more communication devices.

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1 20. (Previously presented) The method of claim 15, wherein one or more of
2 the one or more communication messages comprise one or more video messages, and
3 wherein the step of sending the one or more messages or calls to the one or more
4 internet protocol addresses of the one or more router components for direction to the
5 one or more communication devices comprises the steps of:

6 communicating the one or more video messages through the internet to the one
7 or more internet protocol address of the one or more router components.

1 21. (Currently amended) A computer-readable medium having computer
2 executable instructions for performing steps, the computer-readable medium being
3 operable to communication with one or more router components, wherein one or more
4 identifiers comprise any one or more of a phone number, an email address, an instant
5 message name, and a user name of user associated with a communication device,
6 comprising:

7 means in the computer-readable medium for searching one or more databases
8 with the one or more identifiers of one or more communication devices to make a
9 determination of one or more internet protocol addresses of the one or more router
10 components;

11 means in the computer-readable medium for sending one or more messages or
12 calls to the one or more internet protocol addresses of the one or more router
13 components for direction to the one or more communication devices; and

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14 means in the computer-readable medium for assigning, via one or more server
15 components, an internet protocol address to the one or more communication devices,
16 and

17 means in the computer-readable medium for employing at least one of the one or
18 more identifiers and one or more screening preferences to direct a voice over Internet
19 Protocol (VOIP) call as one of the one or more messages or calls through the one or
20 more router components to the one or more communication devices, and wherein at
21 least one of the one or more screening preferences is an alert preference which directs
22 the communication devices to employ a different ring tone or message alert for the one
23 or more messages or calls.

1 22. (Previously presented) The apparatus of claim 1, wherein the one or more
2 communication devices comprise one or more of a computer, an Internet telephone, a
3 landline telephone, a mobile communication device, a television, a smart appliance, a
4 voice mailbox, and an answering machine.

1 23. (Previously presented) The apparatus of claim 1, wherein the one or more
2 router components are located in one or more homes or offices, the one or more router
3 components being operable to receive a call or message from a network component
4 through a fixed wireless interface.

1 24. (Previously presented) The apparatus of claim 1, wherein the one or more
2 server components employ the one or more messages or calls to perform a search for
3 the screening preferences to direct the one or more messages or calls.

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1 25. (Previously presented) The apparatus of claim 1, wherein another one of
2 the screening preferences is a preference for one or more of the communication
3 devices.

1 26. (Previously presented) The apparatus of claim 1, wherein another one of
2 the screening preferences is a forwarding preference which directs the one or more
3 messages or calls to another communication device.

1 27. (Previously presented) The apparatus of claim 1, wherein another one of
2 the screening preferences is a forwarding preference which directs the one or more
3 messages or calls to another router component in another location.

1 28. (Previously presented) The apparatus of claim 1, wherein another one of
2 the screening preferences is a preference for a voice mailbox or an answering machine.

1 29. (New) The apparatus of claim 1, wherein the one or more server
2 components or the one or more router components assign the internet protocol address
3 to the one or more communication devices.

1 30. (New) An apparatus, comprising:
2 one or more server components operable to communication with one or more
3 router components, wherein the one or more server components employ one or more
4 identifiers of one or more communication devices to make a determination of one or
5 more internet protocol addresses of the one or more router components, and wherein
6 the one or more identifiers comprise any one or more of:

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7 a phone number for one or more users associated with the one or more
8 communication devices;

9 an email address for the one or more users associated with the one or more
10 communication devices;

11 an instant message name for the one or more users associated with the one or
12 more communication devices; and

13 a user name for the one or more users associated with the one or more
14 communication devices;

15 wherein the one or more router components assign an internet protocol address
16 to the one or more communication devices, and wherein the one or more server
17 components employ at least one of the one or more identifiers to direct one or more
18 messages or calls through the one or more router components to the one or more
19 communication devices.

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